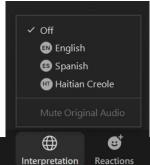


Welcome! ¡Bienvenidos! Akeyi!

- Si hablas español y prefieres escuchar la reunión en esta lengua utiliza el botón de "Interpretation" (Interpretación) para acceder al canal de audio en español.
- Si w pale Kreyòl Ayisyen e w prefere tande reyinyon an nan lang sa a tanpri sèvi ak bouton "Interpretation" (Entèpretation) pou w jwenn aksè ak chèn odvo pou Kreyòl Ayisyen an.



















Welcome! ¡Bienvenidos! Akeyi!

- This meeting will be recorded.
 - Esta reunión será grabada.
 - Reyinyon sa a ap anrejistre.
- Update your name in Zoom to include your preferred name and your pronouns.
 - Actualiza tu nombre en Zoom con tu nombre preferido y tus pronombres.
 - Aktyalize non w sou Zoom pou w mete non prefere w ak pwonon w.

















Welcome! ¡Bienvenidos! Akeyi!

- Your microphones are turned off to start. You will need to unmute to speak.
 Joining via phone? Press *6 to unmute.
 - Tu micrófono está apagado al empezar. Tendrás que reactivarlo para hablar.
 ¿Participando por teléfono? Presiona *6 para reactivar el micrófono.
 - Mikwo w fèmen pou kòmanse. Ou pral bezwen ouvri mikwo a pou w pale. W ap konekte pa telefòn? Peze *6 pou ouvri mikwo a.
- You can use non-verbal feedback options. Raise your hand or leave a message in the chat box if you have a question. If you called into the meeting, use *9 to raise your hand.
 - Puedes utilizar las opciones de reacción no verbales. O dejar un mensaje en el chat si tienes alguna pregunta. Si estás llamando por teléfono usa *9 para levantar la mano.
 - Ou gendwa sèvi ak opsyon fidbak non-vèbal. Leve men w oswa kite yon mesaj nan bwat tchat la si w genyen yon kesyon. Si w konekte nan reyinyon an, sèvi ak *9 pou leve men w.



DON'T LOOK AT YOUR SCREEN WHILE DRIVING



Hello! ¡Hola! Bonjou!



Jeffrey Alexis

Principal Engineer, Public Works Department



Maggie Owens

Planner and Analyst, Boston Parks and Recreation Department



Kyle Zick

Landscape Architect, Kyle Zick Landscape Architecture, Inc.



Jen Rowe

Active Transportation
Planner,
Transportation
Department

Meeting Goals

Learn how the City is thinking about the future of street trees

- Updates about Boston's Urban Forest Plan
- The role of street trees in the Urban Forest
- How the City plants, supports, and protects street trees
- How you can help care for street trees

Learn about the Cummins Highway reconstruction project

- Project goals and opportunities
- What we've learned about existing street trees on Cummins
- How we will protect existing street trees and design for new trees
- Next steps for the project

Cummins Highway Temporary Redesign

We ended the trial on Cummins Highway in October 2021. Until construction begins, the street will be like it was before.

During the last year, we collected data on traffic speeds, travel times, and your experience of one lane in each direction. Visit boston.gov/cummins-highway to review the data we collected.

The data we collected will inform how we design the new Cummins Highway, but your input is still crucial.



We cannot produce a design without your input. You will help shape how Cummins should be for the next 70 years.

Currently, we are doing community outreach to inform the final design.







We plan to reconstruct Cummins Highway

Cummins Highway hasn't been updated since the **spring of 1955**.

The street cars that ran along Cummins were removed in 1953 to make room for more cars.

The street's layout reflects the priorities of the 1950's: enable non-residents to drive quickly through our neighborhoods.



During a reconstruction project we **completely rebuild** the street, including sidewalks, curbs, street lights, traffic signals, road pavement, and replace or update utilities as necessary.

The City has budgeted approximately **\$24 million** for reconstruction of Cummins Highway.









Advance Go Boston 2030 goals:

- Improving safety on our streets
- Reducing emissions
- Investing in communities to achieve equity in access to opportunities



- Advance Go Boston 2030 goals
- Partner with other City departments to advance our collective plans:
 - To inform residents of the work happening around the City
 - To improve collaboration in our work and achieve neighborhood and citywide goals



- Advance Go Boston 2030 goals
- Partner with other City departments to advance our collective plans
- Collaboration with residents to advance your goals:
 - Awareness and participation in efforts that you care about
 - Confirm your vision for the future through our projects





Healthy Places

Three plans collaborating for a healthier Boston:



Heat Resilience Study

The heat resilience study identifies strategies to address future impacts of extreme heat. The goal is to increase citywide resilience.



Urban Forest Plan

The 20-year plan will be designed to set citywide goals for canopy protection and expansion.



Open Space and Recreation Plan

Updating the seven-year plan for improving and protecting open space in Boston.

All the trees, all the caretakers, the whole landscape. A-Z: Vision, values, policy, practice, funding, design

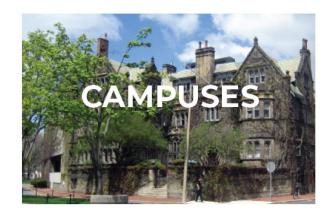
- Designing a forest consistent with community ideals
- Supporting community work
- Regulating trees on private properties
- Evaluating and recommending changes to City practices, funding, and policies.
- Workforce development: tree care jobs











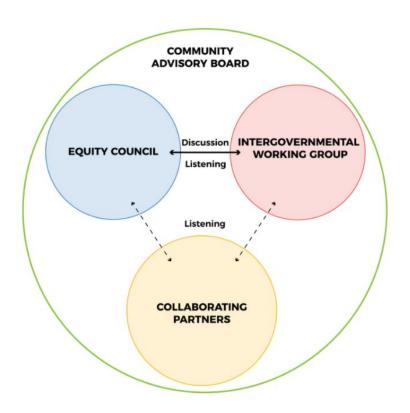






Community Advisory Board

- 60+ members
 - Equity Council
 - Collaborating Partners
 - Intergovernmental Working Group
- These three bodies are working together through a series of workshops and meetings to inform the plan.



- Draft goals and recommendations
 - Citywide <u>Virtual</u> Open House: March 14th at 5:30 p.m.
- Is your community group holding a meeting in the next few months?
 - Let us know! We would like to attend and share more information about the project.
- Have questions about the project or trees?
 - Check out the Urban Forest Plan page: boston.gov/urban-forest-plan
 - Or, call or email Maggie Owens:
 617-961-3025, maggie.owens@boston.gov

STEP

1

WE ARE HERE,

EXISTING CONDITIONS AND ANALYSIS

STEP

3

...AND HERE

GOAL SETTING AND RECOMMENDATIONS (STARTING IN FALL 2021) STEP

2

HERE.

STAKEHOLDER AND PUBLIC ENGAGEMENT (STARTING IN MAY)

STEP

4

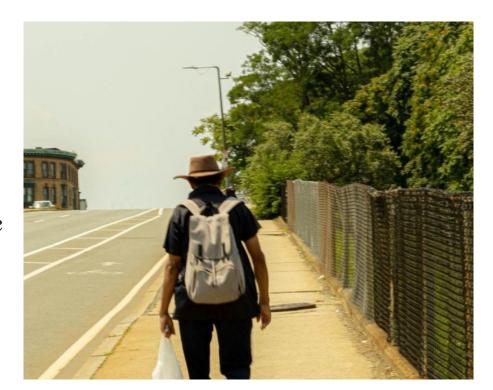
REPORT AND IMPLEMENTATION (STARTING SPRING 2022)



Street Trees

Public health benefits

- Cultural value
- Lowered heat and improved air quality
- Stormwater capture
- Wildlife habitat
- Air quality not a straightforward picture



Street trees terminology

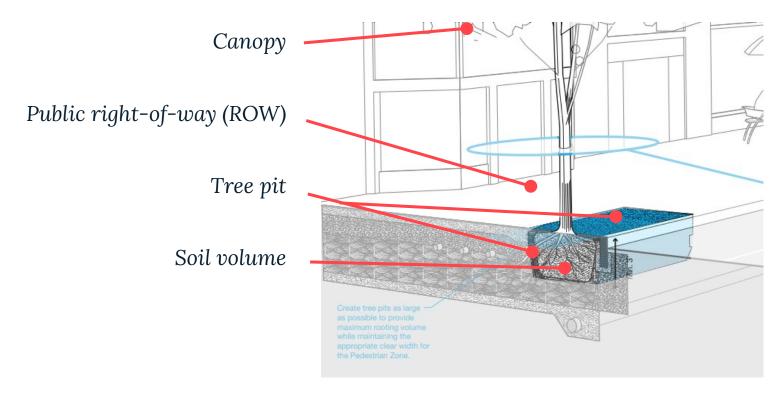


Image from Boston Complete Streets Guidelines

Street Trees

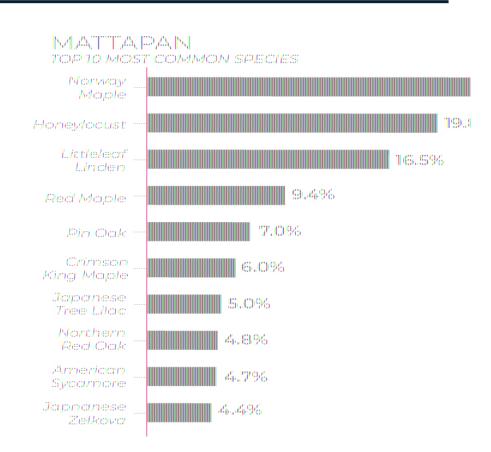
- 38,000+ street trees
- ~3,800 empty tree pits or potential planting sites
- Variety of species and ages
- 10.6% of total tree canopy
 - 2019: 869 acres (+23 acres since 2014)
 - Combination of growth and loss



View the top species in your neighborhood or explore the map by visiting: boston.gov/urban-forest-plan

Street Trees

- 38,000+ street trees
- ~3,800 empty tree pits or potential planting sites
- Variety of species and ages
- 10.6% of total tree canopy
 - 2019: 869 acres (+23 acres since 2014)
 - Combination of growth and loss



Caring for Street Trees

Maintaining life in a tough environment

Protecting existing trees is one of the most important things we can do









Maintaining life in a tough environment

- **Health challenges:** Dog waste, salt, soil compaction, drought, vandalism, mechanical damage, pest/disease, construction, storms, soil volume, shadows
- **Maintainers**: Everyone!
 - BPRD, community members, sometimes special agreements (MOUs), anyone working in the public right-of-way
- **Removals:** dead, dying, or dangerous trees. Or, healthy street trees that have been approved through a Tree Hearing.









Planting life in a tough environment

- Location: Is there enough room to create a tree pit? Is there enough room for the tree to grow? Would the tree conflict with other infrastructure? More details at boston.gov/trees
- **Species:** Plant a diverse number of species to builds a more resilient urban forest. Lowers the chance that any one health challenge wipes out long stretches of trees (heat, drought, disease, pests, etc.).
 - Additional considerations: height, spread, hardiness, tree droppings









Planting life in a tough environment

Planting happens a few ways:

- 311 requests
- Roadway projects
- Development projects*

*Development projects:

- Plant additional street trees.
- Anyone may apply to remove healthy public street trees through the Tree Hearing process. If approved, pay fee for removal which may sometimes be recouped by planting new trees.
- Anything beyond the standard pit design will need a special maintenance agreement where a third party agrees to take responsibility for the tree.









Sustaining life in a tough environment

How to help:

- Submit a 311 case to request a tree planting or maintenance
- Keep dogs away from pits. Keep trash out of pits.
- Avoid stepping in pits
- Water young trees

Learn more about caring for street trees and how to request a street tree or apply for a removal: boston.gov/trees









The Future of Street Trees

Growing and expanding canopy coverage

- Citywide adoption of urban forest goals
- Funding for maintenance
- Staffing levels and workforce development
- Site prioritization
- Pit design
- Species diversity
- Practices and policies
- Finding ways to support community work

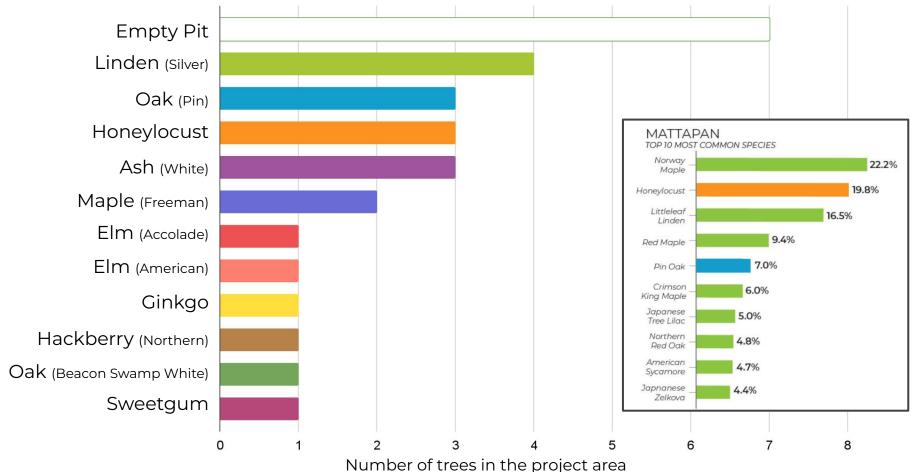




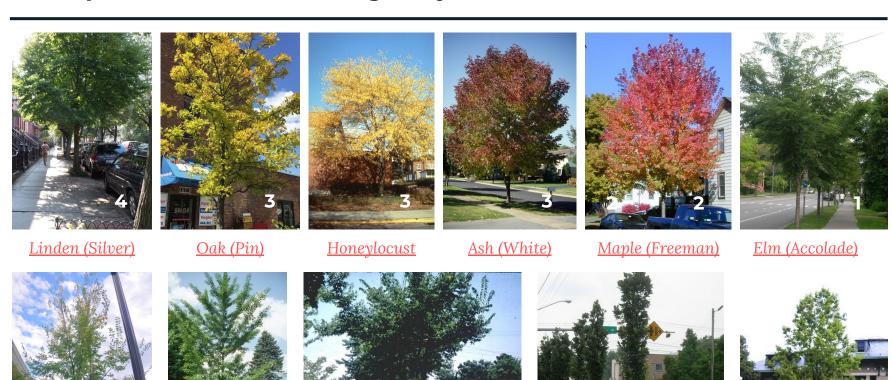
We have the potential to add many more trees on Cummins



Linden and oak trees are the most common trees on Cummins



Tree species on Cummins Highway





<u>Gingko</u>

<u>Hackberry (Northern)</u>

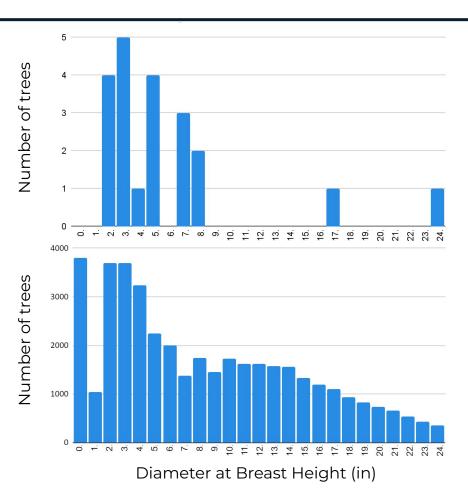
Oak (Beacon Swamp White)

<u>Sweetgum</u>

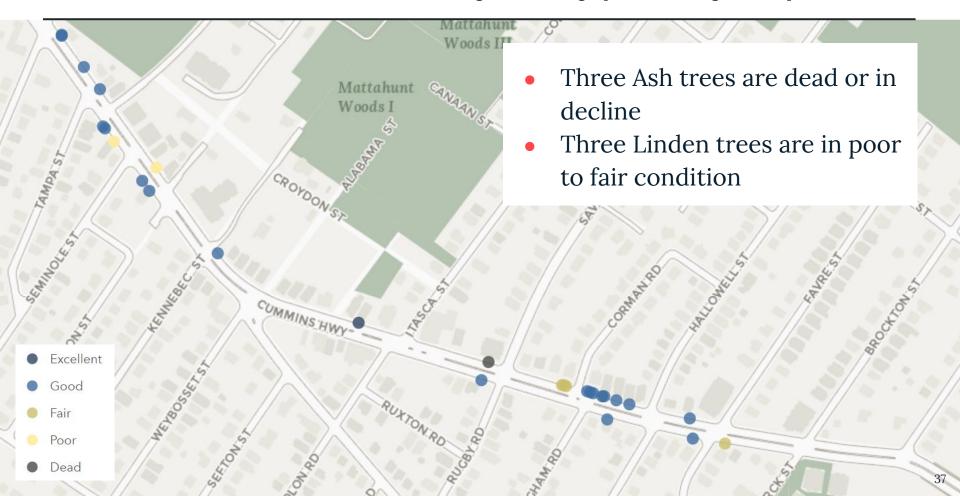
Trees along Cummins tend to be smaller trees

Trees on Cummins Highway (within the project area)

All Street Trees (Citywide)



Some trees on Cummins aren't very healthy (as of May 2021)



Protecting our existing trees during construction

We will use:

- Boards to protect trunks
- Fences around tree pit to protect branches and roots
- High pressure air to address soil compaction from heavy equipment

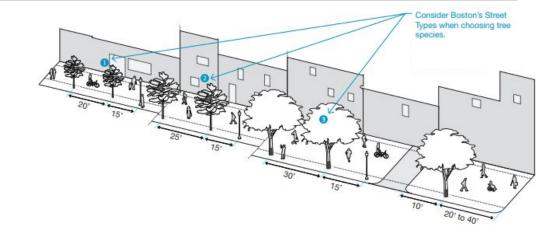






Adding new trees on Cummins

- We aim for street trees evenly spaced along the street
- 30' apart is ideal for a street like Cummins



	Short Stature Ornamental Trees	Medium Stature Trees	3 Large Stature Shade Trees
On-Center Spacing	20'	25'	30'
Offset from Curbs or Path Edges	2'-6"	2'-6"	2'-6"
Offset from Light Poles	:15'	15'	15'
Offset from Driveways, Fire Hydrants, Loading Zones	10'	10'	10'
Offset from Intersections (Depending on direction of traffic)	20'	20' to 40'	20' to 40'

Where we can't put trees:

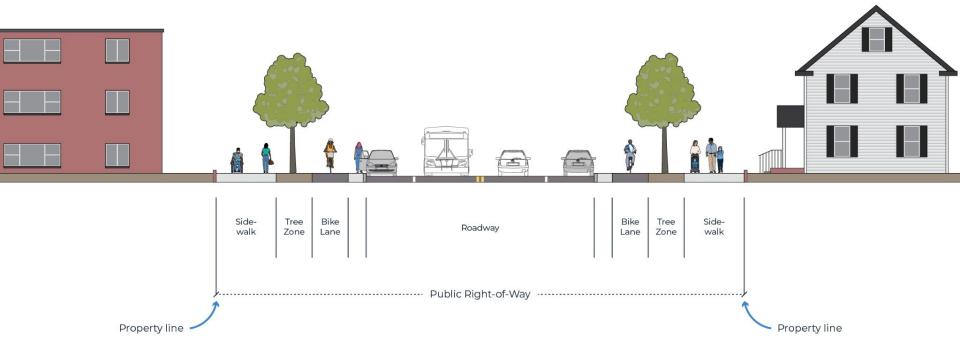
- Where underground utilities or ledge (e.g. rock) would prevent trees from taking root
- Too close to light poles, fire hydrants, loading zones, driveways
- Where they'd block sight lines
- Where there's not enough space for a tree pit





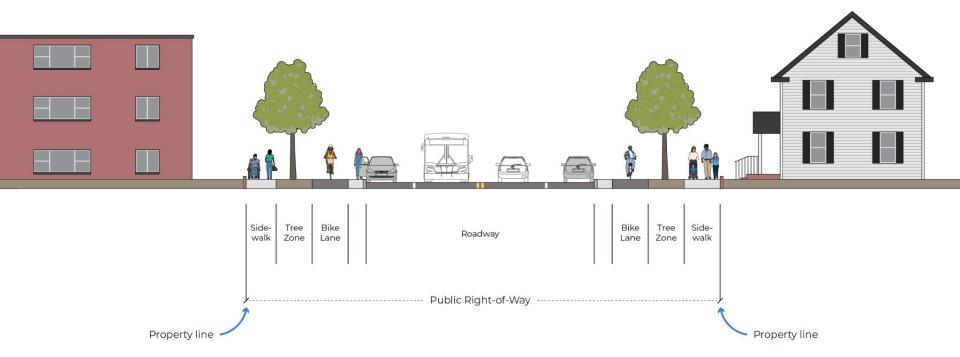
We are designing zones suitable for planting trees

We will add new trees on both sides of the street. Usually, trees will go between the sidewalk and the bike lane:



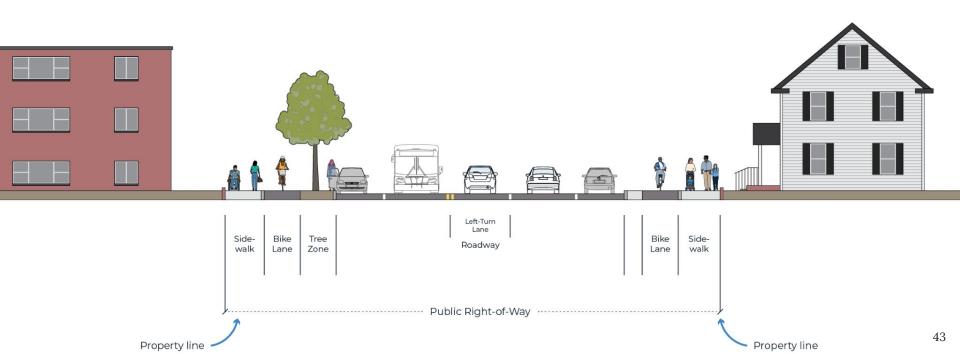
The design changes to accommodate existing trees.

Sidewalks are a little narrower:



In some places, we may only have room for trees on one side

For example, where we have more travel lanes:



Selecting new trees

Generally, we want trees that:

- Provide shade
- Lose their leaves in the winter (deciduous trees)
- Tolerate conditions on an urban street (drought, heat, salt, etc.)
- Thrive in Boston's climate (now and as the climate changes)

We will:

- Include diverse tree types to mitigate risk from pests and disease
- Pick the right tree for the right location







Making sure new trees stay healthy

- Make space for trees in the design of the overall project
- Choose planting locations carefully
- Choose robust tree species
- Maintain new trees for two years, a critical period for their long-term health



In some places, the sidewalk next to the trees is heaving

Sidewalks are heaving around some of the easternmost trees.

When tree roots encounter challenges, they change direction, stop growing, or adapt by remaining abnormally close to the surface.

Roots can then take advantage of freeze/thaw cracks in the sidewalk or pavement, causing heaving.



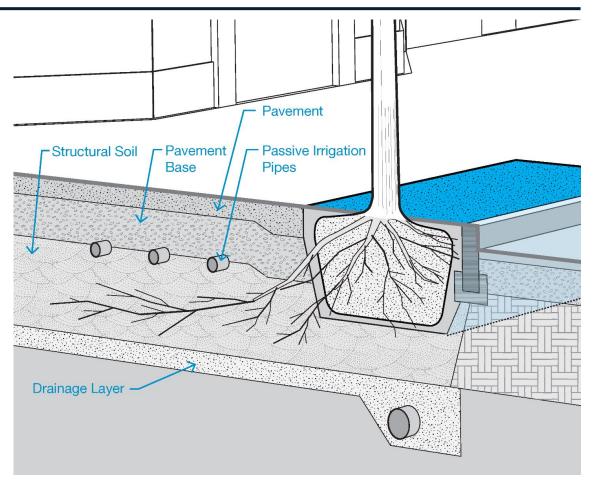




Making sure new trees have room to grow

We'll use **structural soil** under sidewalks:

- Prevents soil compaction
- Gives tree roots room to expand
- Keeps soils oxygenated
- Allows for water drainage



When will we know more?

- We're still designing the street, so we don't know exactly how many new trees we will be able to plant or where to expect them.
- We'll host a meeting to share the details once we have them.



The Cummins Highway reconstruction goal: safer, more accessible

Transform Cummins Highway into a **tree-lined neighborhood street** that is safer for families to walk, wait for the bus, ride bikes, or travel by vehicle.

It will connect residents to the City's network of open spaces and make it easier for elders to cross the street.



Timeline of Cummins Highway reconstruction project

Apr. 11, 2019 1st public meeting at Mattahunt

Feb. 27, 2020 3rd public meeting at Mattahunt

Presented design concepts





Oct. 29, 2019 2nd public meeting at Mattahunt

Jun., 2021 - Ongoing

Engagement for the design of Cummins Reconstruction

- June: Special T-Talk Arrested Mobility with Mattapan Food & Fitness
- ▶ July: Heat Resilience
- July: Air Quality
- August: Land Use
- September: Lighting
- October: Public Health
- October: Green infrastructure
- January: Bus stops
- ► February: Street trees
- March: Roundabouts and intersections

We will continue to have conversations with you about the redesign of Cummins Highway. Your input during these discussions will be used to inform the design of Cummins and will be shared with other departments to inform their work as well.

In June, 2021 we hosted a special edition of T-Talk with Charles T. Brown to discuss ways mobility of Black Americans is limited in the U.S. through police, policies, and polity.

- y twitter.com/ctbrown1911
- equitablecities.com

In July 2021, we hosted two virtual meetings with the Environment Department:

We talked about the City's heat resilience study and the redesign on Cummins. During this conversation we heard:

- You would like us to add more shade. We are looking into trees and shelters. Look for a community conversation in the coming months!
- You were concerned about the temporary redesign and its impact on emergency services and traffic.

We talked about air quality and how transportation policies and design influence air quality. During this conversation we heard:

- You were interested in us monitoring air quality on the corridor. We are looking at locations where air quality monitors can be located in the project area.
- You were concerned about the temporary redesign on Cummins Highway and how traffic is affecting air quality.

Air quality sensors have been installed on Cummins Highway

- Following our conversation in July, we installed air quality sensors along Cummins Highway
- A partnership between the City's Environment Department, Public Works Department, and the Mayor's Office of New Urban Mechanics
- There are 8 air quality sensors along or near Cummins Highway (signs just went up!)



The sensors measure particulate matter and nitrogen dioxide

- We're hoping to learn:
 - What effect will the Cummins
 Highway reconstruction have on local air quality?
 - How can we best use the air quality data we collect?
 - How can we best make the data open and accessible to everyone?
- We will have online dashboard to share later this year



In August 2021, we hosted a virtual meeting with the Boston Planning and Development Agency:

We talked about PLAN Mattapan, how their work related to transportation, and how our departments collaborate. During this conversation we heard:

- That Cummins is part of a network, therefore we need to take a look at the traffic on side streets too. We conducted traffic counts.
- You want us to be proactive and make sure we are working with MBTA, trash removal trucks, and school buses on traffic management before the a new design is implemented.

In September 2021, we hosted a virtual meeting with the City's Street Lighting Division:

We talked about the goals of the city for street lighting and the opportunities for the Cummins Reconstruction. During this conversation we heard:

- You were concerned about the brightness and color of the light, we will work with you to find the appropriate brightness and color that can help improve visibility.
- You wanted to know where you can see lighting similar to the one Public Works is proposing.
 - River Street from Cummins Highway to Hyde Park (Way St)
 - Nubian Square

In early October 2021, we hosted a virtual meeting with the Boston Public Health Commission:

We talked about the connection between street design, health, and wellbeing. During this conversation we heard:

- You were concerned about the traffic during the trial and the effect on side streets. We conducted traffic counts in September on side streets. We are scheduling new traffic counts on side streets now that the trial has ended.
- You wanted to know more about how we are engaging residents of the community in the process for the redesign. We went over some of the other ways people are receiving information and engaging with our project.

In January 2022, we hosted a virtual meeting to discuss bus stops on Cummins Highway:

We talked about:

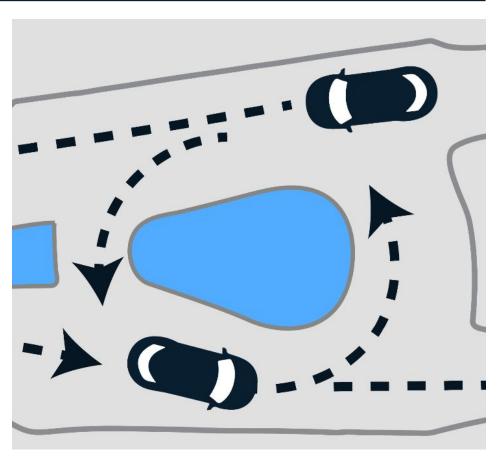
- How we plan to space bus stops along the corridor
- What factors make a bus stop accessible
- How we plan to design bus stops on Cummins Highway



Our next meeting will be on March 29

Roundabouts and intersections in the Cummins Highway redesign

- Tuesday, March 29
- 6:30 p.m.
- Register:<u>bit.ly/Cummins-March29</u>





Urban Forest Master Plan: Virtual Open House

Join us!

- Monday, March 14
- 5:30 p.m.
- Via Zoom

boston.gov/urban-forest-plan#events

Questions? Contact maggie.owens@boston.gov

Our urban forest is made up of all the trees in Boston







These trees provide different values to different people including:









HADE IMPROVING

CAPTURING RAINWATER

BUILDING COMMUNITY

We will begin to understand the urban forest through:







EXISTING CONDITIONS
ASSESSMENT



EVALUATION AND ANALYSIS

Which will help create strategies and goals that make up the Urban Forest Plan, guiding future action.

CITY of BOSTON



Parks and Recreation



You can now ride route 23, 28, and 29 FOR FREE

Route **23**, **28**, **and 29** bus riders are able to board buses at all doors without paying a fare for two years.

More information at boston.gov/free-bus



Youth-focused T-Talk this Saturday

Blue Hill Avenue: As a Place

- Strictly for Mattapan youth aged 10-19
- Attendees could win a \$100 or \$50 Nike gift card
- Saturday, February 26
- 11 a.m.

Register: bit.ly/bha_as_a_place

Check out past T-Talks:

mattapanfoodandfit.org/transportationtalks



Winter Walk at the Boston Nature Center

Join the SPARK Boston Council for a guided tour with a Mass Audubon naturalist.

Free snacks!

- Sunday, February 27
- 11 a.m.
- 500 Walk Hill Street

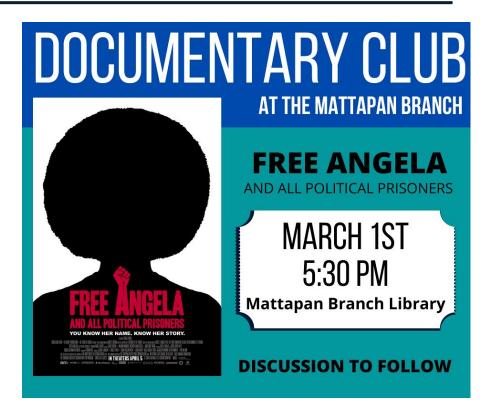


<u>eventbrite.com/e/winter-nature-walk-mattapan-tickets-269159572527</u> <u>boston.gov/spark-boston</u>

Documentary film club at the Mattapan Branch Library

This month, we will learn more about activist, educator, and philosopher Angela Davis while watching the film Free Angela and All Political Prisoners.

- Tuesday, March 1
- 5:30 p.m.
- 1350 Blue Hill Ave



Cooking with Confidence

Join Bond of Color and the Mattapan Food and Fitness Coalition for a dynamic series of virtual cultural nutrition classes.

- Mondays, March 14, 21, 28 and April 4
- 6 p.m.
- Register for Zoom meeting at www.mattapanfoodandfit.org



JOIN BOND OF COLOR AND THE MATTAPAN FOOD AND FITNESS COALITION FOR

Cooking with Confidence

a dynamic series of virtual cultural nutrition education classes

Monday, March 14, 21, 28, and April 4: 6:00 to 7:30 PM

Scan the QR code to register by February 28, 2022



Attend all four sessions and receive a \$100 Supermarket gift card and a toolkit of kitchen essentials!

This Cooking with Confidence series invites us

- to share and learn new skills and techniques to prepare healthy, delicious meals
- Set goals to create healthy eating strategies that work for you and your family
- Learn tools to help sustain new eating habits

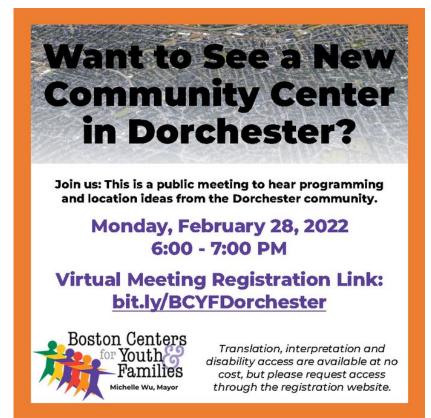




New Dorchester Community Center Meeting

Join this public meeting to hear programming and location ideas for a new BCYF Community Center in Dorchester

- February 28, 2022
- 6:00 p.m.
- bit.ly/BCYFDorchester



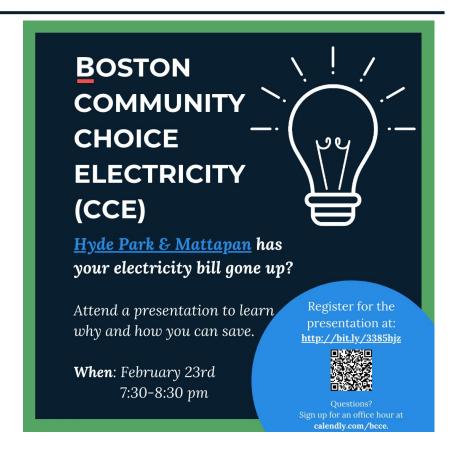
Community Choice Electricity

Learn how to make the best choice for electricity with Mothers Out-Front West Roxbury, Keep Hyde Park Beautiful, and the City's Environment Department.

- Tonight! February 23
- 7:30-8:30 p.m.

bit.ly/CCE223

Learn more about CCE: boston.gov/community-choice-electricity



Ride Bluebikes at a discount!

Discounted passes are available for our public bike share.

People who participate in public assistance programs or otherwise have a qualifying income can receive a discount.

Discounted passes are only \$50 a year or \$5 a month with no annual commitment. Include unlimited one-hour trips.

boston.gov/discounted-bluebikes



Rental Relief Fund

City of Boston is dedicating federal funds to help Boston residents who have been economically impacted by the COVID-19 pandemic and are having difficulty paying their rent.

For more information about eligibility, resources, and to apply:

boston.gov/rental-relief

Visit <u>boston.gov/housing-stability</u> or call (617) 635-4200 for additional information on your rights as a renter.

Stay in touch:

Boston's Urban Forest Plan

- Visit website: <u>boston.gov/urban-forest-plan</u>
- Email: <u>maggie.owens@boston.gov</u>
- Meeting reminder: Citywide <u>Virtual</u> Open House, March 14th at 5:30 p.m.

Cummins Highway Reconstruction

- Visit the project website: <u>boston.gov/cummins-highway</u>
- Chat with us: bit.ly/Cummins-15
- Reach out to Jeff Alexis: <u>jeffrey.alexis@boston.gov</u>

NO USE